

14-2933

Office Memorandum • UNITED STATES GOVERNMENT *plh*

TO : The Files, Project [] (RS-13)

DATE: 14 October 1954 50X1

FROM : [] 50X1

SUBJECT: Test outline for conducting keying comparison defined by the reference

REFERENCE: Schedule A, attached

1. A conference of interested parties was held at the Laboratory on 11 October 1954 to outline the method of conducting the tests. Those attending were Messrs. [] of the Laboratory; [] and [] of RMD-EP.

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2. Magnetic recording equipment will be furnished on a loan basis by [] of OC-SP/AF. The RMS noise meter is on order and other items will be supplied from stock equipment available at the Laboratory and [].

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3. It was resolved that the task would be conducted in three phases, each of several steps:

PHASE ONE - Preliminary investigation and preparation of keying text.

(1) The facilities of [] will be used to produce several perforated tapes, each of about 300 five-digit numerical groups.

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(2) Magnetic recordings of these tapes will be made at 300 words per minute using the appropriate equipment, but without injected interference. These magnetic tapes would be reduced in speed and studied to resolve, insofar as possible, all problems prior to operator participation.

PHASE TWO - Preparation of test tapes.

(1) Magnetic tapes will be prepared from the keying text according to the specifications of Schedule A. Such other tests that are deemed suitable will be prepared at this time.

(2) Speed reduction of high speed tapes and preparation of operator participation tapes will be done.

PHASE THREE - Operator participation and test analysis.

(1) All material presented to the operators will be on magnetic tape. They will have no control of any function except relative volume to the individual, and this control to be limited to the placement of headsets on their own head.

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(2) Checking of copy text and correlation of test data.

(3) Preparation of test report.

4. Note that operator participation is used in Phase Three only. This portion of the test will be performed at All other phases will be performed within the Laboratory except for speed reduction, which will be done at Headquarters using the facilities of OC-SP/AF under supervision of 50X1

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Attachment: Schedule A

cc: R&D Laboratory
OC-E/SAG

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